

- 1           1.     A method comprising:  
2                 capacitively coupling a pair of terminals of an Ethernet connector to reduce cross  
3     talk.
- 1           2.     The method of claim 1 further including:  
2                 coupling a first capacitor between a first pair of terminals and coupling a second  
3     capacitor between a second pair of terminals.
- 1           3.     The method of claim 1 further including:  
2                 coupling a capacitor between the terminals coupled to the B+ and C- channels.
- 1           4.     The method of claim 3 including coupling a capacitor between the C+ and B-  
2     channels.
- 1           5.     The method of claim 1 including coupling an adjacent channel to a non-adjacent  
2     channel by a capacitor.
- 1           6.     The method of claim 1 including coupling a capacitor between complementary  
2     channels.
- 1           7.     The method of claim 1 including reducing near end cross talk by capacitively  
2     coupling non-adjacent channels.

- 1           8.     A network connector comprising:  
2                 a plurality of terminals to receive network signals;  
3                 a first capacitor to couple a first pair of said terminals; and  
4                 a second capacitor to couple a second pair of said terminals.
- 1           9.     The network connector of claim 8 further comprising:  
2                 a non-conductive housing having a jack, said terminals to contact mating Ethernet  
3 connectors.
- 1           10.    The network connector of claim 8 wherein said first pair of terminals include  
2 terminals to receive the B+ and C- channels.
- 1           11.    The network connector of claim 10 wherein said second pair of terminals include  
2 terminals to receive the C+ and B- channels.
- 1           12.    The network connector of claim 8 wherein said first pair of terminals are to  
2 coupled to complementary channels.
- 1           13.    The network connector of claim 12 wherein said second pair of said terminals are  
2 coupled to complementary channels.
- 1           14.    The network connector of claim 8 wherein said connector is an Ethernet  
2 connector.
- 1           15.    The network connector of claim 14 wherein said network connector is a fast  
2 Ethernet connector.

1           16.    The network connector of claim 14 wherein said network connector is a Gigabit  
2 Ethernet connector.

1           17.    A network adapter comprising:  
2                    an Ethernet connector having terminals, wherein a selected pair of terminals are  
3 capacitively coupled to non-adjacent terminals.

1           18.    The network adapter of claim 17 further comprising:  
2                    a network interface card; and  
3                    Ethernet networking circuitry located on said network interface card to enable a  
4 multi-Gigabit Ethernet connection over a network.

1           19.    The network adapter of claim 18 wherein said Ethernet connector including:  
2                    a first capacitor to couple a first pair of said terminals to receive first channel  
3 signals and a second capacitor to couple a second pair of said terminals to receive second  
4 channel signals.

1           20.    A processor-based system comprising:  
2                    a processor; and  
3                    a network adapter coupled to said processor, said network adapter including an  
4 Ethernet connector having a terminals, wherein a pair of said terminals are capacitively coupled.

1           21.    The processor-based system of claim 20, said connector further comprising:  
2                    a first capacitor to couple a first pair of said terminals that are non-adjacent and a  
3 second capacitor to couple a second pair of terminals that are non-adjacent.

1           22.    The processor-based system of claim 21 further comprising:  
2                   a network interface card coupled to said processor; and  
3                   Ethernet networking circuitry located on said network interface card to enable a  
4 multi-Gigabit Ethernet connection over a network.

1           23.    The processor-based system of claim 22 wherein said Ethernet networking  
2 circuitry including:  
3                   a first capacitor to couple a first pair of said terminals and a second capacitor to  
4 couple a second pair of said terminals of said channels.

1           24.    The processor-based system of claim 23 wherein said first and second capacitors  
2 to reduce near end cross talk.